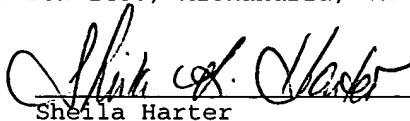




PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 2, 2005.


Sheila Harter

Appl No. : 09/784,419 Confirmation No. 5061
Applicant : Jun Cao
Filed : February 15, 2001
Title : LINEAR FULL RATE PHASE DETECTOR AND CLOCK DATA
RECOVERY CIRCUIT

TC/A.U. : 2633
Examiner : David C. Payne

Docket No. : 50987/RJP/B600
Customer No. : 23363

RESPONSE TO NOTICE OF INFORMAL APPLICATION
(Attachment to Supplemental Notice of Allowability)

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
June 2, 2005

Commissioner:

Applicants respond as follows to the Notice of Informal Application (Attachment to Supplemental Notice of Allowability) dated March 2, 2005:

In response to Item A (10), Applicants originally filed an **executed** Declaration with their Response to Missing Parts of Application on April 26, 2001. Also, pursuant to a telephone conversation with the Examiner, Applicants again provided a copy of the **executed** Declaration via facsimile on January 28, 2005.

Appln No. 09/784,419


Amdt date June 2, 2005

Reply to Office action of March 2, 2005

A copy of Applicants' facsimile response (including the **executed** declaration) and USPTO Auto-Reply Facsimile Transmission confirming receipt are enclosed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

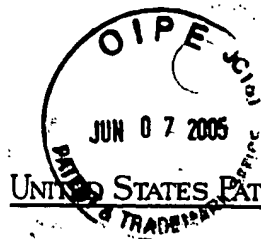
By 

Colin Dorrian
Reg. No. 54,658
626/795-9900

CTD/srh

Enclosures

SH PAS626468.1--*-06/2/05 11:34 AM



UNITED STATES PATENT AND TRADEMARK OFFICE

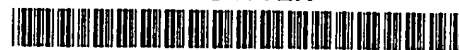
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/784,419	02/15/2001	Jun Cao	19717-001210US

20350
TOWNSEND AND TOWNSEND AND CREW
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834

CONFIRMATION NO. 5061

FORMALITIES LETTER



OC000000005914804

Date Mailed: 03/29/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

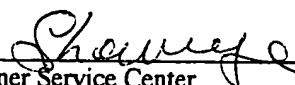
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
 - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));

A copy of this notice MUST be returned with the reply.



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Auto-Reply Facsimile Transmission



TO: Fax Sender at 626 577 8800

Fax Information
Date Received: 1/28/2005 6:25:54 PM [Eastern Standard Time]
Total Pages: 7 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received
Cover
Page
=====>

01/28/2005 15:26 FAX 626 577 8800	CHRISTIE, PARKER & HALE	001/007
facsimile TRANSMITTAL		
Date: January 28, 2005		
No. of Pages: 7 (including this cover sheet)		
Fax No.: (703) 872-9306		
PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:		
Name: Commissioner of Patents		
Art Unit: 2633		
Examiner: David Payne		
Phone: (571) 272-3024		
From: Colin Dorrian Reg No. 54,658		
Re: Application No. 09/784,419; Filed February 15, 2001 Entitled LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND DATA RECOVERY CIRCUIT		
File: 50987/CTD/B600		
Responsive to your request, enclosed is a copy of Applicants' Response to Missing Parts filed April 26, 2001, which includes the executed Declaration. We have omitted the revised drawings. Please contact me if you have any other questions (626) 683-4558.		
I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE ON January 28, 2005. Sheila Harter		
*Correspondence: Response to Missing Parts filed April 26, 2001		
For Office Services Use Only Return Fax to Sheila Harter		
Christie, Parker & Hale, LLP 350 West Colorado Boulevard Post Office Box 7068 Pasadena, CA 91109-7068 626-755-9500 Fax: 626-577-8800		
confidential The information in this transmission is confidential and is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone collect, and return the original message to us at the above address via U.S. mail. We will reimburse you for postage. Thank you.		
PAGE 1/1 * RCV DAT 1/28/2005 6:23:34 PM [Eastern Standard Time] * BYR USPTO-827397-1/1 * DMR 8729306 * CSD 626 577 8800 * DURATION 1mm-40s-03-48		

facsimile
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Date: January 28, 2005

No. of Pages: 7 (including this cover sheet)

Fax No.: (703) 872-9306

PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:

Name: Commissioner of Patents

Art Unit: 2633

Examiner: David Payne

Phone: (571) 272-3024

From: Colin Dorrian
Reg No. 54,658

Re: Application No. 09/784,419; Filed February 15, 2001
Entitled LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND
DATA RECOVERY CIRCUIT

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THE UNITED STATES PATENT AND TRADEMARK OFFICE ON **January 28, 2005.**


Sheila Harter

*Correspondence: Response to Missing Parts filed April 26, 2001

For Office Services Use Only
Return Fax to Sheila Harter

Christie, Parker & Hale, LLP
350 West Colorado Boulevard
Post Office Box 7068
Pasadena, CA 91109-7068
626-795-9900
Fax: 626-577-8800

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UNITED STATES PATENT AND TRADEMARK OFFICE

Mailing Date: April 26, 2001

File No.: 019717-001210US

Attorney JMZ/djb

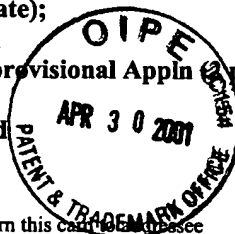
Serial No.: 09/784,419

Filed: February 15, 2001

Inventor(s): Jun Cao

Title: LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND DATA
RECOVERY CIRCUIT

1. Fee Transmittal (1 page submitted in duplicate);
2. Transmittal Form (1 page);
3. Copy of Notice to File Missing Parts of Nonprovisional Appln (2 pages);
4. Executed Declaration (1 page);
5. Corrected informal drawings (11 pages); and
6. Return Postcard



Please stamp the date of receipt of the enclosed documents and return this card to addressee

PA 3141452 v1

MAY 09 2001

UNITED STATES PATENT AND TRADEMARK OFFICE

Mailing Date: April 26, 2001

File No.: 019717-001210US

Attorney JMZ/djb

Serial No.: 09/784,419

Filed: February 15, 2001

Inventor(s): Jun Cao

Title: LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND DATA
RECOVERY CIRCUIT

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5. Corrected informal drawings (11 pages); and
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PA 3141452 v1

01 FREE TRANSMITTAL for FY 2001 JUN 07 2005 Patent fees are subject to annual revision. PATENT & TRADEMARK		Complete if Known	
Application Number		09/784,419	
Filing Date		February 15, 2001	
First Named Inventor		Cao, Jun	
Examiner Name		Unassigned	
Group Art Unit		2816	
Attorney Docket No.		19717001210	
TOTAL AMOUNT OF PAYMENT (\$)		130	

METHOD OF PAYMENT					FEE CALCULATION (continued)				
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					3. ADDITIONAL FEES				
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other									
FEE CALCULATION									
1. BASIC FILING FEE									
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid				
101	710	201	355	Utility filing fee					
106	320	206	160	Design filing fee					
107	490	207	245	Plant filing fee					
108	710	208	355	Reissue filing fee					
114	150	214	75	Provisional filing fee					
SUBTOTAL (1)					(\$)				
2. EXTRA CLAIM FEES									
Total Claims	-20**	=	Extra Claims	X	Fee from below	=	Fee Paid		
Independent Claims	-3**	=		X		=			
Multiple Dependent				X		=			
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description					
103	18	203	9	Claims in excess of 20					
102	80	202	40	Independent claims in excess of 3					
104	270	204	135	Multiple dependent claim, if not paid					
109	80	209	40	** Reissue independent claims over original patent					
110	18	210	9	** Reissue claims in excess of 20 and over original patent					
SUBTOTAL (2)					(\$)				
					581 40 581 40 Recording each patent assignment per property (times number of properties)				
					146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))				
					149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))				
					179 710 279 355 Request for Continued Examination (RCE)				
					169 900 169 900 Request for expedited examination of a design application				
					Other fee (specify)				
					The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.				
					*Reduced by Basic Filing Fee Paid				
					SUBTOTAL (3) (\$130)				

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	J. Matthew Zigmant	Registration No. (Attorney/Agent)	44,005	Telephone	650-326-2400
Signature				Date	April 26, 2001

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/784,419
Filing Date	February 15, 2001
First Named Inventor	Cao, Jun
Group Art Unit	2816
Examiner Name	Unassigned
Attorney Docket Number	19717001210

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☒ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☒ Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

copy of Notice to File Missing Parts of NonProvisional Application; Executed Declaration; Return postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name

Townsend and Townsend and Crew LLP

J. Matthew Zigmant

Reg No. 44,005

Signature

Date

April 26, 2001

CERTIFICATE OF MAILING

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PA 3141448 v1